ABSTRACT OF THE DISCLOSURE

The present invention is to provide a recycle system of aqueous paint, wherein material balance is kept by controlling liquid amount within the recycle system when spray-coating. The system comprises:

coating an article to be coated with an aqueous paint in a watercurtain-type coating booth,

collecting an over-spray paint that does not adhere with the article by water-curtain,

sending the collected solution to a condensation bath through a booth circulation water bath,

separating it by a ultrafiltration apparatus into condensed paint and filtrate, the condensed paint being transferred to a paint tank, and

taking the condensed paint out of the paint tank if necessary to adjust, followed by coating it as an aqueous paint,

wherein a total amount of liquid present within the recycle system is controlled constant during spray-coating.

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